

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4093	((62/112,324.2,238.3,476,480) or (502/60,64,67,69,527,11)). CCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/07 17:01
L2	8	L1 and (adsorption or adsorbent) and (relative adj2 pressure) and @PD>"20060101"	US-PGPUB; USPAT	OR	ON	2007/03/07 17:04
L3	2	((adsorption or adsorbent) and (relative adj2 pressure) and desorption and (vapor adj pressure) and (water adj adsorption)). clm.	US-PGPUB	OR	ON	2007/03/07 17:06
S1	1	("20040089001").PN.	US-PGPUB; USPAT	OR	OFF	2005/10/04 15:53
S2	5	("4310440" "4440871" "4637218" "4898660" "5768910").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/04 16:59
S3	1	("20040093876").PN.	US-PGPUB; USPAT	OR	OFF	2005/10/04 16:09
S4	7	("4440871" "4554143" "4744885" "4861739" "4861743" "5879655" "6406521").PN.	US-PGPUB; USPAT	OR	ON	2005/10/04 16:09
S5	3846	((62/112,324.2,238.3,476,480) or (502/60,64,67,69,527,11)). CCLS.	US-PGPUB; USPAT	OR	OFF	2005/10/04 17:00
S6	1243	S5 and (adsorption or adsorbent)	US-PGPUB; USPAT	OR	ON	2007/03/07 17:01
S7	66	S6 and (relative adj2 pressure)	US-PGPUB; USPAT	OR	ON	2005/10/04 17:02
S8	35	S6 and (aluminum and phosphorus and heteroatom)	US-PGPUB; USPAT	OR	ON	2006/02/06 11:23
S9	1	S8 and (heat adj pump)	US-PGPUB; USPAT	OR	ON	2005/10/04 17:20
S10	5	S7 and (heat adj pump)	US-PGPUB; USPAT	OR	ON	2005/10/04 17:19
S11	0	(aluminum and phosphorus and heteroatom) and (heat adj pump)	EPO; JPO	OR	ON	2005/10/04 17:21
S12	10	(adsorption or adsorbent) and (relative adj2 pressure) and (heat adj pump)	EPO; JPO	OR	ON	2005/10/05 09:14
S13	7	(adsorption or adsorbent) and (zeolite with (aluminum with phosphorus))	EPO; JPO	OR	ON	2005/10/05 09:44
S14	32	(502/527.11).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/10/05 09:44
S15	5	S14 and (adsorption or adsorbent)	US-PGPUB; USPAT	OR	ON	2005/10/05 09:44
S16	26	(adsorption or adsorbent or adsorbate) and (aluminum with phosphorus with heteroatom)	US-PGPUB; USPAT	OR	ON	2006/02/06 11:43
S17	1	S16 and (zeolite same (aluminum with phosphorus with heteroatom))	US-PGPUB; USPAT	OR	ON	2006/02/06 11:33
S18	20	S16 and zeolite	US-PGPUB; USPAT	OR	ON	2006/02/06 11:41
S19	2	S16 and (zeolite same (aluminum or phosphorus or heteroatom))	US-PGPUB; USPAT	OR	ON	2006/02/06 11:33
S20	1	S18 and (heat adj pump)	US-PGPUB; USPAT	OR	ON	2006/02/06 11:41
S21	0	(adsorption or adsorbent or adsorbate) and (aluminum with phosphorus with heteroatom)	EPO; JPO	OR	ON	2006/02/06 11:48
S22	0	(adsorption or adsorbent or adsorbate) and (zeolite same (aluminum same phosphorus same heteroatom))	EPO; JPO	OR	ON	2006/02/06 11:48

## EAST Search History

S23	1	(adsorption or adsorbent or adsorbate) and (zeolite same (aluminum same phosphorus same heteroatom))	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/06 11:51
S24	224	(adsorption or adsorbent or adsorbate) and (zeolite same (aluminum same phosphorus same silicon))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/06 12:07
S25	365	(adsorption or adsorbent or adsorbate) and (zeolite same (aluminum same phosphorus))	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/06 11:52
S26	3	(heat adj pump) and (adsorption or adsorbent or adsorbate) and (zeolite with (aluminum with phosphorus))	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/06 11:54
S27	1	(heat adj pump) and (adsorption or adsorbent or adsorbate) with (zeolite with (aluminum with phosphorus))	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/06 11:54
S28	1	(adsorption or adsorbent or adsorbate) with (zeolite with (aluminum with phosphorus))	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/06 11:55
S29	11	(adsorption or adsorbent or adsorbate) same (zeolite with (aluminum with phosphorus))	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/06 11:55
S30	8	(adsorption or adsorbent or adsorbate) same (zeolite same (aluminum with phosphorus with silicon))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/06 12:07